

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Data1.xls includes SAXS data of Fig.2. There are three data, $c^*i_{\text{exp}}(q)$, $c_1^*i_1(q)$ and $c_a^*i_1(q)$. Each data has three columns, q , scattering intensity and its errors.

File Name: Supplementary Data 2

Description: Data2.xls includes SV-AUC data of Fig.3. The data has two columns, $s_{20, w}$ and $c(s_{20, w})$.

File Name: Supplementary Data 3

Description: Data3.xls includes SAXS data of Fig.6(a). There are four data, $c^*i_{\text{exp}}(q)$, $c_A^*i_A(q)$, $c_B^*i_B(q)$ and $c_{AB}^*i_{AB}(q)$. Each data has three columns, q , scattering intensity and its errors.

File Name: Supplementary Data 4

Description: Data4.xls includes SE-AUC data of Fig.6(b). There are three data with rotation speeds of 20,000 rpm, 30,000rpm and 35,000 rpm. Each data has two columns, r and $a(r, K_d)$.